

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (original) A method for detecting errors in a data package, comprising:
  - receiving at least two data elements;
  - receiving, separately from the at least two data elements, a set of desired code point values corresponding to a data package;
  - determining a set of current code point values for the at least two data elements; and
  - comparing the set of current code point values to the set of desired code point values.
2. (original) The method of claim 1, further comprising:
  - determining if a change has occurred in the data package based on the comparison of the sets of code point values; and
  - if a change is determined to have occurred, requesting retransmission of at least one of the at least two data elements.
3. (original) The method of claim 1, further comprising:
  - determining if a change has occurred in the data package based on the comparison of the sets of code point values; and
  - if a change is determined to have occurred, preventing the use of at least one of the at least two data elements.
4. (original) The method of claim 1, further comprising:
  - determining if a change has occurred in the data package based on the comparison of the sets of code point values; and
  - if a change is determined to have occurred:
    - identifying the particular data element, of the at least two data elements, in which the change occurred, and
    - determining a corrective action to perform.

5. (original) The method of claim 4, wherein the corrective action is requesting a retransmission of at least one of the at least two data elements.
6. (original) The method of claim 4, wherein the corrective action is preventing use of at least one of the at least two data elements.
7. (original) The method of claim 4, wherein the corrective action to perform is determined based on characteristics of the particular data element in which the change occurred.
8. (original) The method of claim 1, further comprising:
  - determining if a change has occurred in the data package based on the comparison of the sets of code point values; and
  - if a change is determined to have occurred:
    - identifying the particular data element, of the at least two data elements, in which the change occurred, and
    - based on the similarity of a watermark in the particular data element in which the change occurred to a corresponding watermark in the set of desired code point values, determining that the particular data element may still be used.
9. (original) The method of claim 7, wherein the corrective action is determined based on the particular data element in which the change occurred being related to the content rating of the data package.
10. (original) The method of claim 1, wherein the at least two data elements and the set of desired code points are received from at least one network component via different data paths.
11. (original) The method of claim 1, wherein the at least two data elements is received from a first network component and the set of desired code points is received from a second network component.
12. (original) A method for detecting changes in a data package transmitted over a network, comprising:

receiving, from a first network component, a set of current code point values corresponding to a data package at a code point monitor;

receiving, from a second network component, a set of desired code point values corresponding to the data package at the code point monitor; and

comparing the set of current code point values to the set of desired code point values, wherein the set of current code point values is determined at the first network component based on the data package received by the first network component.

13. (original) The method of claim 12, wherein the first network component is a set top box.

14. (original) The method of claim 12, wherein the code point monitor logs the result of the comparison.

15. (original) The method of claim 12, further comprising:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred, transmitting an instruction to perform a corrective action.

16. (original) The method of claim 15, wherein the corrective action is preventing use of at least a portion of the data package.

17. (original) The method of claim 15, wherein the corrective action is requesting retransmission of at least a portion of the data package.

18. (original) The method of claim 15, further comprising:

determining the particular data element in which the change occurred, and

determining the corrective action based on characteristics of the particular data element in which the change occurred.

19. (original) The method of claim 18, wherein the corrective action is determined based on the particular data element in which the change occurred being related to a content rating of the data package.

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40. (new) An article of manufacture comprising a computer-readable medium having stored thereon instructions adapted to be executed by a processor, the instructions which, when executed, define a series of steps to be used to detect errors in a data package, said steps comprising:

receiving at least two data elements;

receiving, separately from the at least two data elements, a set of desired code point values corresponding to a data package;

determining a set of current code point values for the at least two data elements; and  
comparing the set of current code point values to the set of desired code point values.

41. (new) The article of manufacture of claim 40, wherein said series of steps further comprise the steps of:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred, requesting retransmission of at least one of the at least two data elements.

42. (new) The article of manufacture of claim 40, wherein said series of steps further comprise the steps of:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred, preventing the use of at least one of the at least two data elements.

43. (new) The article of manufacture of claim 40, wherein said series of steps further comprise the steps of:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred:

identifying the particular data element, of the at least two data elements, in which the change occurred, and  
determining a corrective action to perform.

44. (new) The article of manufacture of claim 43, wherein the corrective action is requesting a retransmission of at least one of the at least two data elements.

45. (new) The article of manufacture of claim 43, wherein the corrective action is preventing use of at least one of the at least two data elements.

46. (new) The article of manufacture of claim 43, wherein the corrective action to perform is determined based on characteristics of the particular data element in which the change occurred.

47. (new) The article of manufacture of claim 40, wherein said series of steps further comprise the steps of:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred:

identifying the particular data element, of the at least two data elements, in which the change occurred, and

based on the similarity of a watermark in the particular data element in which the change occurred to a corresponding watermark in the set of desired code point values, determining that the particular data element may still be used.

48. (new) The article of manufacture of claim 46, wherein the corrective action is determined based on the particular data element in which the change occurred being related to the content rating of the data package.

49. (new) The article of manufacture of claim 40, wherein the at least two data elements and the set of desired code points are received from at least one network component via different data paths.

50. (new) The article of manufacture of claim 40, wherein the at least two data elements is received from a first network component and the set of desired code points is received from a second network component.

51. (new) An article of manufacture comprising a computer-readable medium having stored thereon instructions adapted to be executed by a processor, the instructions which, when executed, define a series of steps to be used to detect changes in a data package transmitted over a network, said steps comprising:

receiving, from a first network component, a set of current code point values corresponding to a data package at a code point monitor;

receiving, from a second network component, a set of desired code point values corresponding to the data package at the code point monitor; and

comparing the set of current code point values to the set of desired code point values, wherein the set of current code point values is determined at the first network component based on the data package received by the first network component.

52. (new) The article of manufacture of claim 51, wherein the first network component is a set top box.

53. (new) The article of manufacture of claim 51, wherein the code point monitor logs the result of the comparison.

54. (new) The article of manufacture of claim 51, wherein said series of steps further comprise the steps of:

determining if a change has occurred in the data package based on the comparison of the sets of code point values; and

if a change is determined to have occurred, transmitting an instruction to perform a corrective action.

55. (new) The article of manufacture of claim 54, wherein the corrective action is preventing use of at least a portion of the data package.

56. (new) The article of manufacture of claim 54, wherein the corrective action is requesting retransmission of at least a portion of the data package.

57. (new) The article of manufacture of claim 54, wherein said series of steps further comprise the steps of:

determining the particular data element in which the change occurred, and

determining the corrective action based on characteristics of the particular data element in which the change occurred.

58. (new) The article of manufacture of claim 57, wherein the corrective action is determined based on the particular data element in which the change occurred being related to a content rating of the data package.